

CLAIMS

1. (Currently amended) An edge node that receives content from a Network Operations Center (NOC) via a satellite ~~broadcast link~~ content distribution network and distributes it to a last mile service provider, the edge node comprising:
 - one media server capable of serving both live and non-live content;
 - a private Virtual Local Area Network (VLAN) that receives content from the satellite link and distributes it to the media server;
 - a public VLAN that transmits the received content from the server to a last mile service provider;
 - where the media server is connected to both the public and private VLANs; and
 - where the media server, private VLAN, and public VLAN exist in a single computer.
2. (Previously presented) The edge node of claim 1, further comprising a VPN connecting the public VLAN to the private VLAN.
3. (Previously presented) The edge node of claim 2, where said VPN allows access to the private VLAN from a remote location.
4. (Currently amended) An edge node that receives content from a Network Operations Center (NOC) via a satellite ~~broadcast link~~ content distribution network and distributes it to a last mile service provider, the edge node comprising:
 - a processor that executes for serving both live and non-live content;

a satellite interface, connected to the processor, that receives content from the satellite link;

a wire network interface, connected to the processor, for transmitting content to the last mile service provider;

where the processor, satellite interface, and wire network interface exist in a single personal computer.

5. (Previously presented) The edge node of claim 1 where a terrestrial link provides a back channel to the NOC.

6. (Previously presented) The edge node of claim 4 where a terrestrial link provides a back channel to the NOC.

7. (Previously presented) The edge node of claim 1 where the content is streamed.

8. (Previously presented) The edge node of claim 4 where the content is streamed.

9. (Previously presented) The edge node of claim 1 further comprising one or more additional media servers capable of serving both live and non-live content.

10. (Previously presented) The edge node of claim 4 further comprising one or more additional processors capable of serving both live and non-live content.

11. (Previously presented) The edge node of claim 1 further comprising shared storage connected to the private VLAN.

12. (Previously presented) The edge node of claim 4 further comprising shared storage connected to the satellite interface and the processor.